

Title (en)  
Improved self-centering unit

Title (de)  
Selbstzentrierendes Futter

Title (fr)  
Mandrin auto centreur

Publication  
**EP 1518718 A1 20050330 (EN)**

Application  
**EP 04077607 A 20040920**

Priority  
IT RE20030089 A 20030929

Abstract (en)  
Self-centering unit for tire removal machines, comprising a plate provided with a series of angularly equidistant radial slots, in each of which a clamping jaw is received and slides to grip the edge of a wheel rim, said clamping jaws being linked together in such a manner as to be always equidistant from the axis of said plate, at least one clamping jaw being associated with actuator means causing it to translate in a radial direction by means of a positioner device arranged to vary the working position of said clamping jaws relative to the actuator means, without modifying their travel stroke. <IMAGE>

IPC 1-7  
**B60C 25/132**

IPC 8 full level  
**B60B 30/06** (2006.01); **B60C 25/132** (2006.01)

CPC (source: EP US)  
**B60C 25/0539** (2013.01 - EP US); **B60C 25/0545** (2013.01 - EP US); **B60C 25/132** (2013.01 - EP US)

Citation (search report)  
[X] US 6039104 A 20000321 - CUNNINGHAM CHARLES L [US], et al

Cited by  
EP2705964A1; CN114229456A; ITMO20120212A1; CN108215677A; US8307874B1; US9114672B2; US10507698B2

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